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| poumon | **Biology**  **Worksheet-3-** | شعار-القسم |
| **Red and white blood cells** |

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| Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Class: 8 / ……… |
| Book page :612-613 | Date: /9/2011 |

1. What are blood cells and what are their two types?

**Blood cells are a constituents of the blood .There are two types of blood cells:**

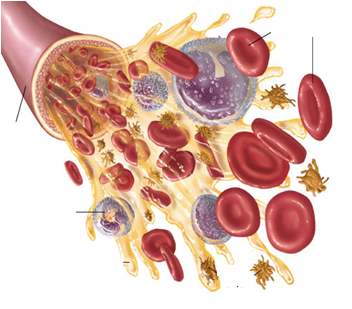
**White blood cells ( WBCs).**

* **Red blood cells ( RBCs).**
* **WBC’s are much less numerous than RBCs.**

1. Where are the blood cells produced ?

**Blood cells are produced in the bone marrow**

1. Label the following figure:



**Blood vessel**

**White blood cells**

**Red blood cells**

1. Complete the following table in order to compare between the function of white

blood cells and red blood cells.

|  |  |
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|  | Function |
| Red blood cells | * **RBCs take oxygen to every cell in your body** * **Filled with hemoglobin that can connect to**   **oxygen.** |
| White blood cells | * **(WBCs) help keep you healthy by destroying**   **bacteria or virus.**   * **WBCs also help clean wounds.** * **WBCs also keep you healthy by destroying body cells that have died or been damaged**. |

1. Why are the red blood cells of one type and white blood cells are of different

types?

**Red blood cells have one job while have multiple jobs.**

1. Normal red blood cells values at various ages are: Adults: (males): 4.6 –

6.0 million-(Females): 4.2-5.0 million-total WBC: 4,500 - 10,000

Why are red blood cells more than white blood cells?

**While blood cells are used when needed while red blood cells are used continuously.**